

In the Abstract:

Please delete the following text:

~~SCANNED DISPLAY WITH VARIATION COMPENSATION~~

~~A display apparatus includes a scanning assembly that scans about two or more axes, typically in a raster pattern. A light source emits light toward the scanning assembly such that the scanning assembly simultaneously scans more than one of the beams. The light source is positioned such that its beam illuminates a discrete region of the image field. The image may be formed from a set of "tiles" where a single sweep of the scanning assembly scans a plurality of beams simultaneously. Various approaches to controlling the intensity of the light to compensate for variations in light source response or optical system response, or to balance the response of a tiles system are described. Among these approaches are scaling data in a buffer, active multiplication, or control of a D/A converter.~~

Replace the deleted text with the following new text:

IMAGE CAPTURE DEVICE WITH PROJECTED DISPLAY

An image capture device includes provision for projecting indicia onto an object surface. For a scanned beam image capture device, the image may be projected from the scan engine. The light source includes provision for modulating the intensity of its output. A controller modulates the output of the light source according to its position, forming a projected pattern. When the image capture device is an indicia reader such as a

linear or 2D bar code scanner, the results of a decode attempt may be used to determine the contents of projected information. When a “no decode” is returned, the user may be prompted to scan again. When a decoded symbol includes directly useful data, all or a portion of the data may be projected. When the data refers to a look-up table, information from the look-up table may be projected. The device may additionally project finder patterns to aid aiming.

In the figures:

Please replace the enclosed sheets 1-38 of original drawings (figures 1-42) with the enclosed sheets 1-23 of formal drawings (figures 1-42), both submitted in the prior application.